

RAX/RCX TYPE A DUPLEX INTERCOM

MODELS:

**RA-A,
RA-B,
RA-D,
RA-C,**

Master, Open voice with handset

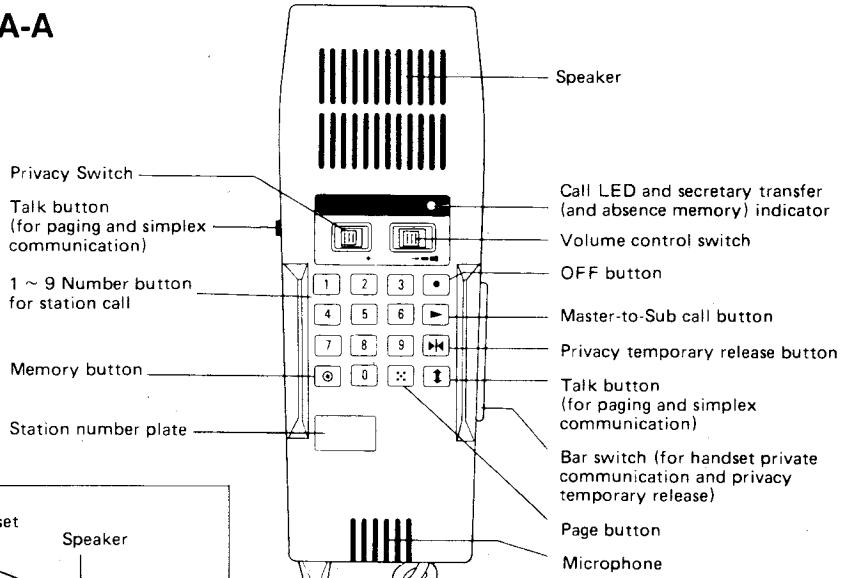
Master, Open voice (Flush-mount)

Master, Speaker-phone type

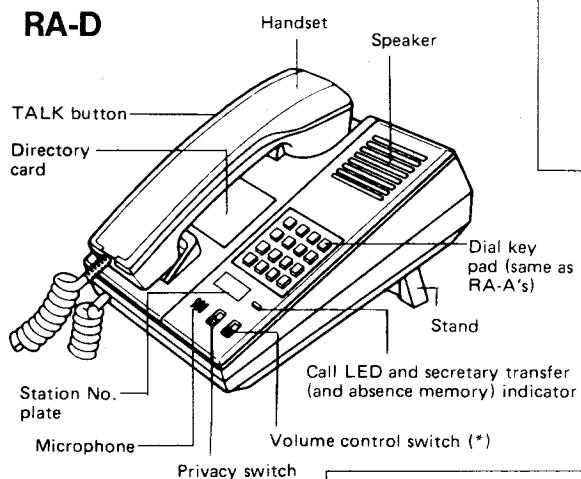
Sub, Open voice (Flush-mount)

OPERATION INSTRUCTIONS

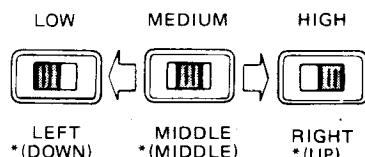
RA-A



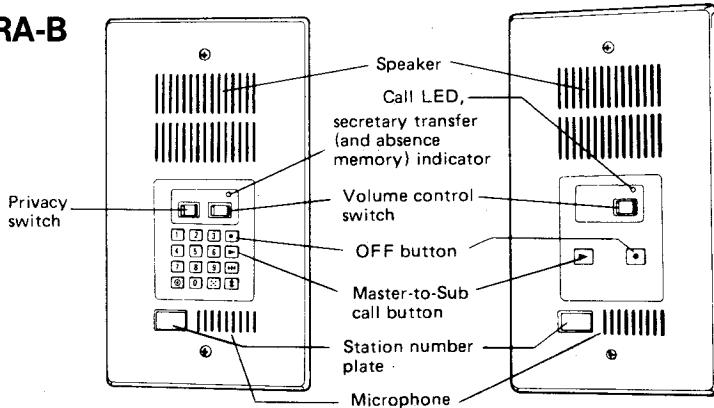
RA-D



• The call tone & communication volume can be adjusted to three levels.



RA-B



RA-C

•

1 CALLING

OPERATION	MODE OF THE CALLED STATION	ACTION
<p>Press digit buttons of desired station.</p> <p>[1] [0] for station No.10 [1] [0] [0] for station No.100</p> <p>Master/sub communication:</p> <ul style="list-style-type: none"> * At RA-C sub, simply press ▶ button to call master. * At master, press ▶ button (and, in RCX only, a digit button [1] ~ [9]) to call sub. 	<p>(1) — <u>Single call tone</u> →</p> <p>(2) ■■■ <u>Busy tone</u> →</p> <p>OR</p> <p>(3) ■■ <u>Network busy tone</u> (in RCX only) →</p> <p>(4) — <u>Privacy tone</u> →</p> <p>(5) - - - <u>Absence tone</u> (in RCX only) →</p> <p>OR</p>	<p>Communicate.</p> <p>Press [●] (OFF) button (or hang up handset in RA-D) to cancell call.</p> <p>Press [◎] button to leave a request for call back. (Camp-on busy)</p> <p>Press [0] button for urgent break in signal and (for RCX only) press [1] button to call by voice.</p> <p>Press [●] (OFF) button.</p> <p>Wait for station to release from privacy mode.</p> <p>Press [●] (OFF) button to cancell call.</p> <p>Press [◎] button to leave a request for call back. (Camp-on absence)</p>
		<p>Press [●] (OFF) button or hang up handset in RA-D to end communication.</p>

RECEIVING

MODE OF YOUR STATION	CALLING TONE	ACTION
(1) Non-privacy mode	Single call tone →	<p>Communicate handsfree.</p> <p>OR <u>At RA-A</u>, pick up the unit and depress the bar switch for private communication.</p> <p>OR <u>At RA-D</u>, pick up handset for private communication.</p>
(2) Privacy mode	Privacy call tone →	<p>Momentarily press [HK] button and communicate handsfree.</p> <p>OR <u>At RA-A</u>, pick up the unit and depress the bar switch for private communication.</p> <p>OR <u>At RA-D</u>, pick up handset for private communication.</p>
(3) Communicating with another station	Urgent message break-in signal and call (in RCX only) →	<p>Press [◎] button to place present communication on hold, and reply.</p> <p>↓</p> <p>Press [●] button to restore connection to station on hold.</p>

2 PRIVACY

– To block out incoming calls and prevent monitoring;

*Setting Privacy mode;

Slide PRIVACY Switch to the right position.

*Releasing from Privacy mode;

Slide PRIVACY Switch to the left position.

Note: Setting and releasing from Privacy mode must be made while your station is in standby mode.

3 CALL HOLDING

– To place present communication on hold;

*Press  button.

*Press  button to restore connection to station on hold and resume conversation.

4 CALL TRANSFER

– To route incoming calls to another station;

(1) Press  button.

(2) Press number of station where call is to be transferred.

(3) After communication line is established, press  button.

(3) After communication line is established, press  button.

Note: When you have no reply, press  button and resume the initial communication.

5 SECRETARY TRANSFER (STATION TRANSFER)

– To have any incoming call to you answered by your secretary;

*Setting Secretary Transfer mode; Press  button and station number of your secretary.

*Cancelling Secretary Transfer mode; Press  and  buttons.

6 SIMPLEX COMMUNICATION

– When communicating with a station located in a noisy area;

Press  button to talk and release to listen.

WHEN YOUR SYSTEM INCLUDES PAGING FUNCTIONS;*7 ALL PAGE**

– To page all zones in your system through paging speakers;

(1) Press  ,  buttons.

(1) Press  ,  buttons (and  button, if call back is required).

(2) Make announcement while depressing and holding (*)  button.

(3) Wait for call back. OR If call back is not desired, press  button.

8 ZONE PAGE

– To page one zone in your system through paging speakers;

(1) Press  and zone number button ( ~ ).

(1) Press  , zone number button ( ~ ) (and  button, if call back is required).

(2) Make announcement while depressing and holding  button.

If talkback is included, release (*)  button to listen.

(3) Wait for call back. OR If call back is not desired, press  button.

9 CALL BACK TO PAGING (ALL PAGE/ZONE PAGE)

Press  button at the nearest station.

Press  and  buttons at any station (in a zone paged).

(*) In RA-A and RA-D, TALK button in handset works for  (TALK) button on the dial key pad.

10 ALL CALL

— To page through all intercom stations;

(1) Press 5 button.	(1) Press [:] and 0 button (and [:] button, if call back is required).
(2) Make announcement while depressing and holding 1 button. (*)	
(3) Wait for call back. OR If call back is not desired, press • button.	

11 CALL BACK TO ALL CALL

(1) Press 5 button at the nearest station.	(1) Press 5 and [:] buttons at the nearest station.
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12 GROUP CALL

— To page through a group of intercom stations;

	(1) Press [:] and a group number button 5 ~ 8 (and [:] button, if call back is required).
	(2) Make announcement while depressing and holding 1 button. (*)
	(3) Wait for call back. OR If call back is not desired, press • button.

13 CALL BACK TO GROUP CALL

	(1) Press 5 and [:] buttons at any station of a group paged.
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*WHEN YOUR SYSTEM INCLUDES DEVICES, SUCH AS INTERNAL/EXTERNAL LIGHTS, DOOR RELEASE ETC.

14 REMOTE OPERATION OF EXTERNAL DEVICES

(1) Press [:] button and zone number button (1 , 2 , 3 or 4).
(2) Momentarily press 1 button. (*)
* If you hear intermittent tone, the external device is in ON mode.
* If you hear a continuous tone, the external device is in OFF mode.
(3) Depress 0 button to reverse ON/OFF mode of internal/external lights, etc. OR
Depress and hold 0 button to activate electric door release, etc.
(4) Press • button.

15 CONFERENCE CALL

— To initiate a conference call;

	(1) Press number button of each station to be included and [:] button after each (up to 5 stations).
	(2) Initiator depresses and holds down (*) 1 button and begins conversation.
	(3) The called stations must depress and hold down 1 button (*) to respond.
	(4) The called stations press • button to get out of the conference.
	At conclusion of the conference, initiator must press • button.

(*) In RA-A and RA-D, TALK button in handset works for **1** (TALK) button on the dial key pad.

16 ABSENCE MEMORY

— To program your station to remember who called during your absence;

- (1) Press **[S]** and **[PK]** buttons.
- (2) Upon your return, red light flickering every other second indicates that you have calls in your station's memory bank.

17 ABSENCE MEMORY CALL BACK

— When you noticed fast flickering red light upon your return;

- (1) Press **[S]** button.
- (2) Press **[•]** button at completion of your conversation.
- (3) Repeat process until red light flickers more slowly and all calls have been answered.
- (4) Absence Memory Clear; Press **[S]** and **[0]** buttons to restore your station to normal operation.

18 MEMORY CLEAR

— To erase all memory functions except privacy (Camp-on busy, Camp-on absence, Absence memory & Secretary transfer)

Press **[S]** and **[0]** buttons and your station returns to normal operation.

OPERATIONAL FLOW

NO.	FUNCTIONS	RAX	RCX
1	STATION CALL	[No.] [No.]	[No.] [No.] (and [No.] in RCX-88, -128)
	OFF	[●] or Hang up handset. (RA-D)	[●] or Hang up handset. (RA-D)
	CAMP-ON BUSY SET	[◎]	[◎]
	CAMP-ON BUSY CLEAR	[◎] [0]	[◎] [0]
	URGENT MESSAGE BREAK-IN SIGNAL (and CALL)	[0] (to signal only)	[0] (to signal) → [↑] (to call by voice)
	REPLY TO URGENT MESSAGE BREAK-IN	[◎]	[◎]
	MASTER/SUB COMMUNICATION	[▶]	[▶] (Sub to master) [▶] [1~9] (Master to sub)
2	PRIVACY	[■]	[■]
	NON-PRIVACY	[■]	[■]
	TEMPORARY PRIVACY RELEASE	[◀]	[◀]
3	CALL HOLDING	[◎] → [◎] or [●] (to return)	[◎] → [●] (to return)
4	CALL TRANSFER	[◎] [No.] [No.] [7]	[◎] [No.] [No.] ([No.]) [◎]
5	SECRETARY (STATION) TRANSFER SET	[◎] [No.] [No.]	[◎] [No.] [No.] ([No.])
	SECRETARY (STATION) TRANSFER CLEAR	[◎] [0]	[◎] [0]
6	SIMPLEX COMMUNICATION	[↑]	[↑]
7	ALL PAGE (WITH CALL BACK)	[::] [9] [↑]	[::] [9] ([::]) [↑]
8	ZONE PAGE (WITH CALL BACK)	[::] [1~4] [↑]	[::] [1~4] ([::]) [↑]
9	CALL BACK TO PAGING	[6]	[6] [::]
10	ALL CALL (WITH CALL BACK)	[5] [↑]	[::] [0] ([::]) [↑]
11	CALL BACK TO ALL CALL	[5]	[5] [::]
12	GROUP CALL (WITH CALL BACK)		[::] [5~8] ([::]) [↑]
13	CALL BACK TO GROUP CALL		[5] [::]
14	REMOTE OPERATION	[::] [1~4] [↑] [0]	[::] [1~4] [↑] [0]
15	CONFERENCE CALL		(1) [No.] [No.] [::] ... (5) [No.] [No.] [::] [↑]
16	ABSENCE MEMORY SET		[◎] [◀]
17	ABSENCE MEMORY CALL BACK		[◎]
	ABSENCE MEMORY CLEAR		[◎] [0]
18	CLEAR MEMORY	[◎] [0]	[◎] [0]

RCX SYSTEM OPTIONS

1 DOOR STATIONS

— To receive a call from up to two door stations at either of up to five programmed master stations;

- (1) A call from door station is announced at all programmed master stations by electronic chime.
 - * If the chime is 4 strokes, the call is from the first door station.
Press **5** **▶** buttons.
 - * If the chime is 2 strokes, the call is from the second door station.
Press **6** **▶** buttons.
- (2) Talk handsfree. In RA-A, Pick up the unit and hold the bar switch and, in RA-D, pick up handset for private handset communication. When the door station is situated in a noisy area, you may press **1** (TALK) button to talk and release to listen.
- (3) If your system includes a door release, momentarily press **0** button during communication, which activates the timer circuits for opening the door.
- (4) Press **•** (OFF) button or hang up handset in RA-D to end communication with door station.

2 ADDITIONAL PAGING/REMOTE CONTROL

To select any YAW adaptor, press **7** **▶** buttons.

- (1) When continuous mono tone is heard;

Paging with YAW-R or YAW-RA;

Press **[:]** button and an adaptor number button (0 ~ 9) (and a zone number button in YAW-RA 1 ~ 8). Make announcement depressing **1** button (and release to listen, if talkback is included). Press **•** button at end of announcement.

NOTE:

After selecting an adaptor number for YAW-RA, press zone number buttons (1 ~ 8) in succession for multiple zone page or **◎** button for all page (to 8 zones simultaneously).

Remote operation of controlling ON/OFF of lights or door release, etc.;

Press **[:]** button and an adaptor number button (0 ~ 9) for YAW-S.

- * When an intermittent tone is heard, the lighting function is in ON mode.
- * When a continuous tone is heard, the lighting function is in OFF mode.

Alternate operation: Momentarily press **◎** button to turn on lights. OR
Momentarily press **[:]** button to turn off lights.

Momentary operation: Press and hold **◎** button down to activate door release, etc.
Press **•** button.

- (2) When intermittent tone is heard;

It means other station is operating paging or remote control and the channel is occupied. Press **•** button to disconnect and call later.

NOTES:

1. It is not possible to operate two or more adaptors at the same time.
2. Paging/remote control operations can be made by master stations RA-A, RA-B and RA-D.

DIRECTORY

SYSTEM

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